L Number	Hits	Search Text	DB	Time stamp
1	15949	((down or sub or under) adj1 (sampl$3 or scal$3 or siz$3) or down-sampl$3 or sub-sampl$3 or under-sampl$3 or downsampl$3 or subsampl$3 or undersampl$3 or downscal$3 or subscal$3 or underscal$3 or downsiz$3 or subsiz$3 or undersiz$3 or decimat$3 or thin$3 or down adj1 filter$3 or downfilter$3 or reduc$3 or reduct$3 or de adj1 magnif$7 or demagnif$7 or minif$7 or shrink$3 or contract$3 or downconvert$4 or down adj1 convert$4 or (standard or minimiz$4 or minimis$4 or low$5 or small$3) near2 (BPP or bit adj1 depth$1 or bitdepth$1 or definition$1 or resolution$1) or "480" near1 ("640" or "720") or QCIF) near7 (determin$7 or type$1 or classif$7 or cluster$3 or class$4 or recogni$6 or identif$6 or discrimin$6 or feature$1 near2 (vector$4 or space$1 or extract$4) or match$3) near7 (forbid$5 or inhibit$3 or stop$3 or quit$3 or cease$1 or ceasing or prevent$3 or shut$3 adj1 off or off or prohibit$3 or halt$3 or discontinue$3 or discontinuing$3 or desist$3 or abandon$3 or cessation or arrest$3 or surceas$3 or standstill or belay$3 or immobiliz$7 or relinquish$3 or break$3 or supres$7 or extinguish$4 or censor$4 or repress$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/17 05:23
2	91	(((down or sub or under) adj1 (sampl$3 or scal$3 or siz$3) or down-sampl$3 or sub-sampl$3 or under-sampl$3 or downsampl$3 or subsampl$3 or undersampl$3 or downscal$3 or subscal$3 or underscal$3 or downsiz$3 or subsiz$3 or undersiz$3 or decimat$3 or thin$3 or down adj1 filter$3 or downfilter$3 or reduc$3 or reduct$3 or de adj1 magnif$7 or demagnif$7 or minif$7 or shrink$3 or contract$3 or downconvert$4 or down adj1 convert$4 or (standard or minimiz$4 or minimis$4 or low$5 or small$3) near2 (BPP or bit adj1 depth$1 or bitdepth$1 or definition$1 or resolution$1) or "480" near1 ("640" or "720") or QCIF) near7 (determin$7 or type$1 or classif$7 or cluster$3 or class$4 or recogni$6 or identif$6 or discrimin$6 or feature$1 near2 (vector$4 or space$1 or extract$4) or match$3) near7 (forbid$5 or inhibit$3 or stop$3 or quit$3 or cease$1 or ceasing or prevent$3 or shut$3 adj1 off or off or prohibit$3 or halt$3 or discontinue$3 or discontinuing$3 or desist$3 or abandon$3 or cessation or arrest$3 or surceas$3 or standstill or belay$3 or immobiliz$7 or relinquish$3 or break$3 or supres$7 or extinguish$4 or censor$4 or repress$4)) same (forbid$5 or inhibit$3 or stop$3 or quit or quits or quiting or cease$1 or ceasing or prevent$3 or shut$3 adj1 off or off or prohibit$3 or halt$3 or discontinue$3 or discontinuing$3 or desist$3 or abandon$3 or cessation or arrest$3 or surceas$3 or standstill or belay$3 or immobiliz$7 or relinquish$3 or break$3 or supres$7 or extinguish$4 or censor$4 or repress$4) near4 (CMY$1 or YMC$1 or print$3 or printer$1 or marking adj1 engine$1 or RIP or raster adj1 image or image adj1 form$3 or dither$3 or halfton$3 or half adj1 ton$3 or PDL or page adj1 description adj1 languag$4 or PCL or postscript$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/17 05:35

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＊ SEARCH FROM FRIDAY, 4/17/4 LOST DUE TO POWER OUTAGE -

| 3 | | 21 | ((((down or sub or under) adj1 (sampl$3 or scal$3 or siz$3) or down-sampl$3 or sub-sampl$3 or under-sampl$3 or downsampl$3 or subsampl$3 or undersampl$3 or downscal$3 or subscal$3 or underscal$3 or downsiz$3 or subsiz$3 or undersiz$3 or decimat$3 or thin$3 or down adj1 filter$3 or downfilter$3 or reduc$3 or reduct$3 or de adj1 magnif$7 or demagnif$7 or minif$7 or shrink$3 or contract$3 or downconvert$4 or down adj1 convert$4 or (standard or minimiz$4 or minimis$4 or low$5 or small$3) near2 (BPP or bit adj1 depth$1 or bitdepth$1 or definition$1 or resolution$1) or "480" near1 ("640" or "720") or QCIF)

near7 (determin$7 or type$1 or classif$7 or cluster$3 or class$4 or recogni$6 or identif$6 or discrimin$6 or feature$1 near2 (vector$4 or space$1 or extract$4) or match$3)

near7 (forbid$5 or inhibit$3 or stop$3 or quit$3 or cease$1 or ceasing or prevent$3 or shut$3 adj1 off or off or prohibit$3 or halt$3 or discontinue$3 or discontinuing$3 or desist$3 or abandon$3 or cessation or arrest$3 or surceas$3 or standstill or belay$3 or immobiliz$7 or relinquish$3 or break$3 or supres$7 or extinguish$4 or censor$4 or repress$4)
) same (forbid$5 or inhibit$3 or stop$3 or quit or quits or quiting or cease$1 or ceasing or prevent$3 or shut$3 adj1 off or off or prohibit$3 or halt$3 or discontinue$3 or discontinuing$3 or desist$3 or abandon$3 or cessation or arrest$3 or surceas$3 or standstill or belay$3 or immobiliz$7 or relinquish$3 or break$3 or supres$7 or extinguish$4 or censor$4 or repress$4)

near4 (CMY$1 or YMC$1 or print$3 or printer$1 or marking adj1 engine$1 or RIP or raster adj1 image or image adj1 form$3 or dither$3 or halfton$3 or half adj1 ton$3 or PDL or page adj1 description adj1 languag$4 or PCL or postscript$3)
) and ("235" OR "250" OR "283" OR "345" OR "348" OR "355" OR "358" OR "380" or "382" OR "399" OR "705" or "715").clas. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/04/17 05:39 |
| 4 | | 141705 | (forbid$5 or inhibit$3 or stop$3 or quit or quits or quiting or cease$1 or ceasing or prevent$3 or shut$3 adj1 off or off or prohibit$3 or halt$3 or discontinue$3 or discontinuing$3 or desist$3 or abandon$3 or cessation or arrest$3 or surceas$3 or standstill or belay$3 or immobiliz$7 or relinquish$3 or break$3 or supres$7 or extinguish$4 or censor$4 or repress$4)

near4 (copy$3 or copier$4 or scan$4 or print$3 or printer$1 or marking adj1 engine$1 or image adj1 form$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/04/17 05:35 |

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| 5 | 5535 | ((forbid$5 or inhibit$3 or stop$3 or quit or quits or quiting or cease$1 or ceasing or prevent$3 or shut$3 adj1 off or off or prohibit$3 or halt$3 or discontinue$3 or discontinuing$3 or desist$3 or abandon$3 or cessation or arrest$3 or surceas$3 or standstill or belay$3 or immobiliz$7 or relinquish$3 or break$3 or supres$7 or extinguish$4 or censor$4 or repress$4)

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) same ((down or sub or under) adj1 (sampl$3 or scal$3 or siz$3) or down-sampl$3 or sub-sampl$3 or under-sampl$3 or downsampl$3 or subsampl$3 or undersampl$3 or downscal$3 or subscal$3 or underscal$3 or downsiz$3 or subsiz$3 or undersiz$3 or decimat$3 or thin$3 or down adj1 filter$3 or downfilter$3 or reduc$3 or reduct$3 or de adj1 magnif$7 or demagnif$7 or minif$7 or shrink$3 or contract$3 or downconvert$4 or down adj1 convert$4 or (standard or minimiz$4 or minimis$4 or low$5 or small$3) near2 (BPP or bit adj1 depth$1 or bitdepth$1 or definition$1 or resolution$1) or "480" near1 ("640" or "720") or QCIF)

near7 (forbid$5 or inhibit$3 or stop$3 or quit$3 or cease$1 or ceasing or prevent$3 or shut$3 adj1 off or off or prohibit$3 or halt$3 or discontinue$3 or discontinuing$3 or desist$3 or abandon$3 or cessation or arrest$3 or surceas$3 or standstill or belay$3 or immobiliz$7 or relinquish$3 or break$3 or supres$7 or extinguish$4 or censor$4 or repress$4) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/04/17 05:38 |
| 6 | 6184 | ((down or sub or under) adj1 (sampl$3 or scal$3 or siz$3) or down-sampl$3 or sub-sampl$3 or under-sampl$3 or downsampl$3 or subsampl$3 or undersampl$3 or downscal$3 or subscal$3 or underscal$3 or downsiz$3 or subsiz$3 or undersiz$3 or decimat$3 or thin$3 or down adj1 filter$3 or downfilter$3 or reduc$3 or reduct$3 or de adj1 magnif$7 or demagnif$7 or minif$7 or shrink$3 or contract$3 or downconvert$4 or down adj1 convert$4 or (standard or minimiz$4 or minimis$4 or low$5 or small$3) near2 (BPP or bit adj1 depth$1 or bitdepth$1 or definition$1 or resolution$1) or "480" near1 ("640" or "720") or QCIF)

near7 (forbid$5 or inhibit$3 or stop$3 or quit$3 or cease$1 or ceasing or prevent$3 or shut$3 adj1 off or off or prohibit$3 or halt$3 or discontinue$3 or discontinuing$3 or desist$3 or abandon$3 or cessation or arrest$3 or surceas$3 or standstill or belay$3 or immobiliz$7 or relinquish$3 or break$3 or supres$7 or extinguish$4 or censor$4 or repress$4)

near4 (copy$3 or copier$4 or scan$4 or print$3 or printer$1 or marking adj1 engine$1 or image adj1 form$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/04/17 05:39 |

| 7 | 1288 | (((down or sub or under) adj1 (sampl$3 or scal$3 or siz$3) or down-sampl$3 or sub-sampl$3 or under-sampl$3 or downsampl$3 or subsampl$3 or undersampl$3 or downscal$3 or subscal$3 or underscal$3 or downsiz$3 or subsiz$3 or undersiz$3 or decimat$3 or thin$3 or down adj1 filter$3 or downfilter$3 or reduc$3 or reduct$3 or de adj1 magnif$7 or demagnif$7 or minif$7 or shrink$3 or contract$3 or downconvert$4 or down adj1 convert$4 or (standard or minimiz$4 or minimis$4 or low$5 or small$3) near2 (BPP or bit adj1 depth$1 or bitdepth$1 or definition$1 or resolution$1) or "480" near1 ("640" or "720") or QCIF)

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 near4 (copy$3 or copier$4 or scan$4 or print$3 or printer$1 or marking adj1 engine$1 or image adj1 form$3)
) and ("235" OR "250" OR "283" OR "345" OR "348" OR "355" OR "358" OR "380" or "382" OR "399" OR "705" or "715").clas. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/04/17 05:49 |
| 8 | 4972 | ((down or sub or under) adj1 (sampl$3 or scal$3 or siz$3) or down-sampl$3 or sub-sampl$3 or under-sampl$3 or downsampl$3 or subsampl$3 or undersampl$3 or downscal$3 or subscal$3 or underscal$3 or downsiz$3 or subsiz$3 or undersiz$3 or decimat$3 or thin$3 or down adj1 filter$3 or downfilter$3 or reduc$3 or reduct$3 or de adj1 magnif$7 or demagnif$7 or minif$7 or shrink$3 or contract$3 or downconvert$4 or down adj1 convert$4 or (standard or minimiz$4 or minimis$4 or low$5 or small$3) near2 (BPP or bit adj1 depth$1 or bitdepth$1 or definition$1 or resolution$1) or "480" near1 ("640" or "720") or QCIF)

 near7 (forbid$5 or inhibit$3 or stop$3 or quit or quits or quiting or cease$1 or ceasing or prevent$3 or prohibit$3 or halt$3 or discontinue$3 or discontinuing$3 or desist$3 or abandon$3 or cessation or arrest$3 or surceas$3 or standstill or belay$3 or immobiliz$7 or relinquish$3 or supres$7 or extinguish$4 or censor$4 or repress$4)

 near4 (copy$3 or copier$4 or scan$4 or print$3 or printer$1 or marking adj1 engine$1 or image adj1 form$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/04/17 05:49 |

| 9 | 947 | (((down or sub or under) adj1 (sampl$3 or scal$3 or siz$3) or down-sampl$3 or sub-sampl$3 or under-sampl$3 or downsampl$3 or subsampl$3 or undersampl$3 or downscal$3 or subscal$3 or underscal$3 or downsiz$3 or subsiz$3 or undersiz$3 or decimat$3 or thin$3 or down adj1 filter$3 or downfilter$3 or reduc$3 or reduct$3 or de adj1 magnif$7 or demagnif$7 or minif$7 or shrink$3 or contract$3 or downconvert$4 or down adj1 convert$4 or (standard or minimiz$4 or minimis$4 or low$5 or small$3) near2 (BPP or bit adj1 depth$1 or bitdepth$1 or definition$1 or resolution$1) or "480" near1 ("640" or "720") or QCIF)

 near7 (forbid$5 or inhibit$3 or stop$3 or quit or quits or quiting or cease$1 or ceasing or prevent$3 or prohibit$3 or halt$3 or discontinue$3 or discontinuing$3 or desist$3 or abandon$3 or cessation or arrest$3 or surceas$3 or standstill or belay$3 or immobiliz$7 or relinquish$3 or supres$7 or extinguish$4 or censor$4 or repress$4)

 near4 (copy$3 or copier$4 or scan$4 or print$3 or printer$1 or marking adj1 engine$1 or image adj1 form$3)
) and ("235" OR "250" OR "283" OR "345" OR "348" OR "355" OR "358" OR "380" OR "382" OR "399" OR "705" or "715").clas. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/04/17 05:50 |
| 10 | 2971 | ((down or sub or under) adj1 (sampl$3 or scal$3 or siz$3) or down-sampl$3 or sub-sampl$3 or under-sampl$3 or downsampl$3 or subsampl$3 or undersampl$3 or downscal$3 or subscal$3 or underscal$3 or downsiz$3 or subsiz$3 or undersiz$3 or decimat$3 or thin$3 or down adj1 filter$3 or downfilter$3 or reduc$3 or reduct$3 or de adj1 magnif$7 or demagnif$7 or minif$7 or shrink$3 or contract$3 or downconvert$4 or down adj1 convert$4 or (standard or minimiz$4 or minimis$4 or low$5 or small$3) near2 (BPP or bit adj1 depth$1 or bitdepth$1 or definition$1 or resolution$1) or "480" near1 ("640" or "720") or QCIF)

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 near4 (copy$3 or copier$4 or scan$4 or print$3 or printer$1 or marking adj1 engine$1 or image adj1 form$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/04/17 05:50 |

| 11 | 526 | (((down or sub or under) adj1 (sampl$3 or scal$3 or siz$3) or down-sampl$3 or sub-sampl$3 or under-sampl$3 or downsampl$3 or subsampl$3 or undersampl$3 or downscal$3 or subscal$3 or underscal$3 or downsiz$3 or subsiz$3 or undersiz$3 or decimat$3 or thin$3 or down adj1 filter$3 or downfilter$3 or reduc$3 or reduct$3 or de adj1 magnif$7 or demagnif$7 or minif$7 or shrink$3 or contract$3 or downconvert$4 or down adj1 convert$4 or (standard or minimiz$4 or minimis$4 or low$5 or small$3) near2 (BPP or bit adj1 depth$1 or bitdepth$1 or definition$1 or resolution$1) or "480" near1 ("640" or "720") or QCIF)

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near4 (copy$3 or copier$4 or scan$4 or print$3 or printer$1 or marking adj1 engine$1 or image adj1 form$3)
) and ("235" OR "250" OR "283" OR "345" OR "348" OR "355" OR "358" OR "380" or "382" OR "399" OR "705" or "715").clas. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/04/17 05:58 |
| 12 | 2563 | ((down or sub or under) adj1 (sampl$3 or scal$3 or siz$3) or down-sampl$3 or sub-sampl$3 or under-sampl$3 or downsampl$3 or subsampl$3 or undersampl$3 or downscal$3 or subscal$3 or underscal$3 or downsiz$3 or subsiz$3 or undersiz$3 or decimat$3 or thin$3 or down adj1 filter$3 or downfilter$3 or reduc$3 or reduct$3 or de adj1 magnif$7 or demagnif$7 or minif$7 or shrink$3 or contract$3 or downconvert$4 or down adj1 convert$4 or (standard or minimiz$4 or minimis$4 or low$5 or small$3) near2 (BPP or bit adj1 depth$1 or bitdepth$1 or definition$1 or resolution$1) or "480" near1 ("640" or "720") or QCIF)

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near4 (copy$3 or copier$4 or print$3 or printer$1 or marking adj1 engine$1 or image adj1 form$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/04/17 05:51 |

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| 13 | 379 | (((down or sub or under) adj1 (sampl$3 or scal$3 or siz$3) or down-sampl$3 or sub-sampl$3 or under-sampl$3 or downsampl$3 or subsampl$3 or undersampl$3 or downscal$3 or subscal$3 or underscal$3 or downsiz$3 or subsiz$3 or undersiz$3 or decimat$3 or thin$3 or down adj1 filter$3 or downfilter$3 or reduc$3 or reduct$3 or de adj1 magnif$7 or demagnif$7 or minif$7 or shrink$3 or contract$3 or downconvert$4 or down adj1 convert$4 or (standard or minimiz$4 or minimis$4 or low$5 or small$3) near2 (BPP or bit adj1 depth$1 or bitdepth$1 or definition$1 or resolution$1) or "480" near1 ("640" or "720") or QCIF)

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near4 (copy$3 or copier$4 or print$3 or printer$1 or marking adj1 engine$1 or image adj1 form$3)
) and ("235" OR "250" OR "283" OR "345" OR "348" OR "355" OR "358" OR "380" or "382" OR "399" OR "705" or "715").clas. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/04/17 05:51 |
| 14 | 271 | (((down or sub or under) adj1 (sampl$3 or scal$3 or siz$3) or down-sampl$3 or sub-sampl$3 or under-sampl$3 or downsampl$3 or subsampl$3 or undersampl$3 or downscal$3 or subscal$3 or underscal$3 or downsiz$3 or subsiz$3 or undersiz$3 or decimat$3 or thin$3 or down adj1 filter$3 or downfilter$3 or reduc$3 or reduct$3 or de adj1 magnif$7 or demagnif$7 or minif$7 or shrink$3 or contract$3 or downconvert$4 or down adj1 convert$4 or (standard or minimiz$4 or minimis$4 or low$5 or small$3) near2 (BPP or bit adj1 depth$1 or bitdepth$1 or definition$1 or resolution$1) or "480" near1 ("640" or "720") or QCIF)

near4 (forbid$5 or inhibit$3 or stop$3 or quit or quits or quiting or cease$1 or ceasing or prevent$3 or prohibit$3 or halt$3 or discontinue$3 or discontinuing$3 or desist$3 or abandon$3 or cessation or arrest$3 or surceas$3 or standstill or belay$3 or immobiliz$7 or relinquish$3 or supres$7 or extinguish$4 or censor$4 or repress$4)

near4 (copy$3 or copier$4 or print$3 or printer$1 or marking adj1 engine$1 or image adj1 form$3)
) same (determin$7 or type$1 or classif$7 or cluster$3 or class$4 or recogni$6 or identif$6 or discrimin$6 or feature$1 near2 (vector$4 or space$1 or extract$4) or match$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/04/17 05:52 |

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| 15 | | 66 | (((((down or sub or under) adj1 (sampl$3 or scal$3 or siz$3) or down-sampl$3 or sub-sampl$3 or under-sampl$3 or downsampl$3 or subsampl$3 or undersampl$3 or downscal$3 or subscal$3 or underscal$3 or downsiz$3 or subsiz$3 or undersiz$3 or decimat$3 or thin$3 or down adj1 filter$3 or downfilter$3 or reduc$3 or reduct$3 or de adj1 magnif$7 or demagnif$7 or minif$7 or shrink$3 or contract$3 or downconvert$4 or down adj1 convert$4 or (standard or minimiz$4 or minimis$4 or low$5 or small$3) near2 (BPP or bit adj1 depth$1 or bitdepth$1 or definition$1 or resolution$1) or "480" near1 ("640" or "720") or QCIF)

near4 (forbid$5 or inhibit$3 or stop$3 or quit or quits or quiting or cease$1 or ceasing or prevent$3 or prohibit$3 or halt$3 or discontinue$3 or discontinuing$3 or desist$3 or abandon$3 or cessation or arrest$3 or surceas$3 or standstill or belay$3 or immobiliz$7 or relinquish$3 or supres$7 or extinguish$4 or censor$4 or repress$4)

near4 (copy$3 or copier$4 or print$3 or printer$1 or marking adj1 engine$1 or image adj1 form$3)
) and ("235" OR "250" OR "283" OR "345" OR "348" OR "355" OR "358" OR "380" or "382" OR "399" OR "705" or "715").clas.) and (((((down or sub or under) adj1 (sampl$3 or scal$3 or siz$3) or down-sampl$3 or sub-sampl$3 or under-sampl$3 or downsampl$3 or subsampl$3 or undersampl$3 or downscal$3 or subscal$3 or underscal$3 or downsiz$3 or subsiz$3 or undersiz$3 or decimat$3 or thin$3 or down adj1 filter$3 or downfilter$3 or reduc$3 or reduct$3 or de adj1 magnif$7 or demagnif$7 or minif$7 or shrink$3 or contract$3 or downconvert$4 or down adj1 convert$4 or (standard or minimiz$4 or minimis$4 or low$5 or small$3) near2 (BPP or bit adj1 depth$1 or bitdepth$1 or definition$1 or resolution$1) or "480" near1 ("640" or "720") or QCIF)

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near4 (copy$3 or copier$4 or print$3 or printer$1 or marking adj1 engine$1 or image adj1 form$3)
) same (determin$7 or type$1 or classif$7 or cluster$3 or class$4 or recogni$6 or identif$6 or discrimin$6 or feature$1 near2 (vector$4 or space$1 or extract$4) or match$3)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/04/17 05:52 |

| 16 | 216 | (((down or sub or under) adj1 (sampl$3 or scal$3 or siz$3) or down-sampl$3 or sub-sampl$3 or under-sampl$3 or downsampl$3 or subsampl$3 or undersampl$3 or downscal$3 or subscal$3 or underscal$3 or downsiz$3 or subsiz$3 or undersiz$3 or decimat$3 or thin$3 or down adj1 filter$3 or downfilter$3 or reduc$3 or reduct$3 or de adj1 magnif$7 or demagnif$7 or minif$7 or shrink$3 or contract$3 or downconvert$4 or down adj1 convert$4 or (standard or minimiz$4 or minimis$4 or low$5 or small$3) near2 (BPP or bit adj1 depth$1 or bitdepth$1 or definition$1 or resolution$1) or "480" near1 ("640" or "720") or QCIF)

near4 (forbid$5 or inhibit$3 or stop$3 or quit or quits or quiting or cease$1 or ceasing or prevent$3 or prohibit$3 or halt$3 or discontinue$3 or discontinuing$3 or desist$3 or abandon$3 or cessation or arrest$3 or surceas$3 or standstill or belay$3 or immobiliz$7 or relinquish$3 or supres$7 or extinguish$4 or censor$4 or repress$4)

near4 (copy$3 or copier$4 or scan$4 or print$3 or printer$1 or marking adj1 engine$1 or image adj1 form$3)
) and ("345" OR "348" OR "358" OR "380" or "382" OR "705" or "715").clas. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/04/17 05:58 |
| 17 | 130 | (((down or sub or under) adj1 (sampl$3 or scal$3 or siz$3) or down-sampl$3 or sub-sampl$3 or under-sampl$3 or downsampl$3 or subsampl$3 or undersampl$3 or downscal$3 or subscal$3 or underscal$3 or downsiz$3 or subsiz$3 or undersiz$3 or decimat$3 or thin$3 or down adj1 filter$3 or downfilter$3 or reduc$3 or reduct$3 or de adj1 magnif$7 or demagnif$7 or minif$7 or shrink$3 or contract$3 or downconvert$4 or down adj1 convert$4 or (standard or minimiz$4 or minimis$4 or low$5 or small$3) near2 (BPP or bit adj1 depth$1 or bitdepth$1 or definition$1 or resolution$1) or "480" near1 ("640" or "720") or QCIF)

near4 (forbid$5 or inhibit$3 or stop$3 or quit or quits or quiting or cease$1 or ceasing or prevent$3 or prohibit$3 or halt$3 or discontinue$3 or discontinuing$3 or desist$3 or abandon$3 or cessation or arrest$3 or surceas$3 or standstill or belay$3 or immobiliz$7 or relinquish$3 or supres$7 or extinguish$4 or censor$4 or repress$4)

near4 (copy$3 or copier$4 or print$3 or printer$1 or marking adj1 engine$1 or image adj1 form$3)
) and ("345" OR "348" OR "358" OR "380" or "382" OR "705" or "715").clas. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/04/17 06:30 |

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| 18 | 105 | ((((down or sub or under) adj1 (sampl$3 or scal$3 or siz$3) or down-sampl$3 or sub-sampl$3 or under-sampl$3 or downsampl$3 or subsampl$3 or undersampl$3 or downscal$3 or subscal$3 or underscal$3 or downsiz$3 or subsiz$3 or undersiz$3 or decimat$3 or thin$3 or down adj1 filter$3 or downfilter$3 or reduc$3 or reduct$3 or de adj1 magnif$7 or demagnif$7 or minif$7 or shrink$3 or contract$3 or downconvert$4 or down adj1 convert$4 or (standard or minimiz$4 or minimis$4 or low$5 or small$3) near2 (BPP or bit adj1 depth$1 or bitdepth$1 or definition$1 or resolution$1) or "480" near1 ("640" or "720") or QCIF)

near4 (forbid$5 or inhibit$3 or stop$3 or quit or quits or quiting or cease$1 or ceasing or prevent$3 or prohibit$3 or halt$3 or discontinue$3 or discontinuing$3 or desist$3 or abandon$3 or cessation or arrest$3 or surceas$3 or standstill or belay$3 or immobiliz$7 or relinquish$3 or supres$7 or extinguish$4 or censor$4 or repress$4)

near4 (copy$3 or copier$4 or print$3 or printer$1 or marking adj1 engine$1 or image adj1 form$3)
) and ("345" OR "348" OR "358" OR "380" or "382" OR "705" or "715").clas.) not (((((down or sub or under) adj1 (sampl$3 or scal$3 or siz$3) or down-sampl$3 or sub-sampl$3 or under-sampl$3 or downsampl$3 or subsampl$3 or undersampl$3 or downscal$3 or subscal$3 or underscal$3 or downsiz$3 or subsiz$3 or undersiz$3 or decimat$3 or thin$3 or down adj1 filter$3 or downfilter$3 or reduc$3 or reduct$3 or de adj1 magnif$7 or demagnif$7 or minif$7 or shrink$3 or contract$3 or downconvert$4 or down adj1 convert$4 or (standard or minimiz$4 or minimis$4 or low$5 or small$3) near2 (BPP or bit adj1 depth$1 or bitdepth$1 or definition$1 or resolution$1) or "480" near1 ("640" or "720") or QCIF)

near4 (forbid$5 or inhibit$3 or stop$3 or quit or quits or quiting or cease$1 or ceasing or prevent$3 or prohibit$3 or halt$3 or discontinue$3 or discontinuing$3 or desist$3 or abandon$3 or cessation or arrest$3 or surceas$3 or standstill or belay$3 or immobiliz$7 or relinquish$3 or supres$7 or extinguish$4 or censor$4 or repress$4)

near4 (copy$3 or copier$4 or print$3 or printer$1 or marking adj1 engine$1 or image adj1 form$3)
) and ("235" OR "250" OR "283" OR "345" OR "348" OR "355" OR "358" OR "380" or "382" OR "399" OR "705" or "715").clas.) and ((((down or sub or under) adj1 (sampl$3 or scal$3 or siz$3) or down-sampl$3 or sub-sampl$3 or under-sampl$3 or downsampl$3 or subsampl$3 or undersampl$3 or downscal$3 or subscal$3 or underscal$3 or downsiz$3 or subsiz$3 or undersiz$3 or decimat$3 or thin$3 or down adj1 filter$3 or downfilter$3 or reduc$3 or reduct$3 or de adj1 magnif$7 or demagnif$7 or minif$7 or shrink$3 or contract$3 or downconvert$4 or down adj1 convert$4 or (standard or minimiz$4 or minimis$4 or low$5 or small$3) near2 (BPP or bit adj1 depth$1 or bitdepth$1 or definition$1 or resolution$1) or "480" near1 ("640" or "720") or QCIF)

near4 (forbid$5 or inhibit$3 or stop$3 or quit or quits or quiting or cease$1 or ceasing or prevent$3 or prohibit$3 or halt$3 or discontinue$3 or discontinuing$3 or desist$3 or abandon$3 or cessation or arrest$3 or surceas$3 or standstill or belay$3 or immobiliz$7 or relinquish$3 or supres$7 or extinguish$4 or censor$4 or repress$4)

near4 (copy$3 or copier$4 or print$3 or printer$1 or marking adj1 engine$1 or image adj1 form$3)
) same (determin$7 or type$1 or classif$7 or cluster$3 or class$4 or recogni$6 or identif$6 or discrimin$6 or feature$1 near2 (vector$4 or space$1 or extract$4) or match$3))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/04/17 06:28 |

| 19 | 1385 | ((down or sub or under) adj1 (sampl$3 or scal$3 or siz$3 or down-sampl$3 or sub-sampl$3 or under-sampl$3 or downsampl$3 or subsampl$3 or undersampl$3 or downscal$3 or subscal$3 or underscal$3 or downsiz$3 or subsiz$3 or undersiz$3 or decimat$3 or thin or thins or thinning or down adj1 filter$3 or downfilter$3 or reduc$3 or reduct$3 or de adj1 magnif$7 or demagnif$7 or minif$7 or shrink$3 or contract$3 or downconvert$4 or down adj1 convert$4 or (standard or minimiz$4 or minimis$4 or low$5 or small$3) near2 (BPP or bit adj1 depth$1 or bitdepth$1 or definition$1 or resolution$1) or "480" near1 ("640" or "720") or QCIF)

near4 (pattern$1 or ROI or AOI or shap$4 or region$4 or (region$1 or area$1 or object$1) near interest$1 or subregion$2 or sub adj1 region$2 or alpha adj1 map$3 or alphamap$4 or bitmask$4 or 2D or "2" adj1 D or ("2" or two or bi) adj1 dimension$4 or bidimension$4 or imag$3 or pixel$4 or pel$1 or video$1 or photo$5 or photgraphic$4 or frame$1 or field$1 or pictur$3 or pictograph$4 or pictorial$4 or bitmap$3 or (pix or bit) adj1 map$3 or pixmap$3 or raster$7 or gray$3 or grey$3 or spryte$1 or sprite$1 or thumbnail$1 Or thumb adj1 nail$1)

same (forbid$5 or inhibit$3 or stop$3 or quit or quits or quiting or cease$1 or ceasing or prevent$3 or prohibit$3 or halt$3 or discontinue$3 or discontinuing$3 or desist$3 or abandon$3 or cessation or arrest$3 or surceas$3 or standstill or belay$3 or immobiliz$7 or relinquish$3 or supres$7 or extinguish$4 or censor$4 or repress$4)

near3 (copy$3 or copier$4 or scan$4 or print$3 or printer$1 or marking adj1 engine$1 or image adj1 form$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/04/17 06:30 |

| 20 | | 221 | (((down or sub or under) adj1 (sampl$3 or scal$3 or siz$3) or down-sampl$3 or sub-sampl$3 or under-sampl$3 or downsampl$3 or subsampl$3 or undersampl$3 or downscal$3 or subscal$3 or underscal$3 or downsiz$3 or subsiz$3 or undersiz$3 or decimat$3 or thin or thins or thinning or down adj1 filter$3 or downfilter$3 or reduc$3 or reduct$3 or de adj1 magnif$7 or demagnif$7 or minif$7 or shrink$3 or contract$3 or downconvert$4 or down adj1 convert$4 or (standard or minimiz$4 or minimis$4 or low$5 or small$3) near2 (BPP or bit adj1 depth$1 or bitdepth$1 or definition$1 or resolution$1) or "480" near1 ("640" or "720") or QCIF)

 near4 (pattern$1 or ROI or AOI or shap$4 or region$4 or (region$1 or area$1 or object$1) near interest$1 or subregion$2 or sub adj1 region$2 or alpha adj1 map$3 or alphamap$4 or bitmask$4 or 2D or "2" adj1 D or ("2" or two or bi) adj1 dimension$4 or bidimension$4 or imag$3 or pixel$4 or pel$1 or video$1 or photo$5 or photgraphic$4 or frame$1 or field$1 or pictur$3 or pictograph$4 or pictorial$4 or bitmap$3 or (pix or bit) adj1 map$3 or pixmap$3 or raster$7 or gray$3 or grey$3 or spryte$1 or sprite$1 or thumbnail$1 Or thumb adj1 nail$1)

 same (forbid$5 or inhibit$3 or stop$3 or quit or quits or quiting or cease$1 or ceasing or prevent$3 or prohibit$3 or halt$3 or discontinue$3 or discontinuing$3 or desist$3 or abandon$3 or cessation or arrest$3 or surceas$3 or standstill or belay$3 or immobiliz$7 or relinquish$3 or supres$7 or extinguish$4 or censor$4 or repress$4)

 near3 (copy$3 or copier$4 or scan$4 or print$3 or printer$1 or marking adj1 engine$1 or image adj1 form$3)
) and ("345" OR "348" OR "358" OR "380" or "382" OR "705" or "715").clas. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/04/17 06:30 |

| 21 | 193 | ((((down or sub or under) adj1 (sampl$3 or scal$3 or siz$3) or down-sampl$3 or sub-sampl$3 or under-sampl$3 or downsampl$3 or subsampl$3 or undersampl$3 or downscal$3 or subscal$3 or underscal$3 or downsiz$3 or subsiz$3 or undersiz$3 or decimat$3 or thin or thins or thinning or down adj1 filter$3 or downfilter$3 or reduc$3 or reduct$3 or de adj1 magnif$7 or demagnif$7 or minif$7 or shrink$3 or contract$3 or downconvert$4 or down adj1 convert$4 or (standard or minimiz$4 or minimis$4 or low$5 or small$3) near2 (BPP or bit adj1 depth$1 or bitdepth$1 or definition$1 or resolution$1) or "480" near1 ("640" or "720") or QCIF) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/04/17 06:31 |

near4 (pattern$1 or ROI or AOI or shap$4 or region$4 or (region$1 or area$1 or object$1) near interest$1 or subregion$2 or sub adj1 region$2 or alpha adj1 map$3 or alphamap$4 or bitmask$4 or 2D or "2" adj1 D or ("2" or two or bi) adj1 dimension$4 or bidimension$4 or imag$3 or pixel$4 or pel$1 or video$1 or photo$5 or photgraphic$4 or frame$1 or field$1 or pictur$3 or pictograph$4 or pictorial$4 or bitmap$3 or (pix or bit) adj1 map$3 or pixmap$3 or raster$7 or gray$3 or grey$3 or spryte$1 or sprite$1 or thumbnail$1 Or thumb adj1 nail$1)

same (forbid$5 or inhibit$3 or stop$3 or quit or quits or quiting or cease$1 or ceasing or prevent$3 or prohibit$3 or halt$3 or discontinue$3 or discontinuing$3 or desist$3 or abandon$3 or cessation or arrest$3 or surceas$3 or standstill or belay$3 or immobiliz$7 or relinquish$3 or supres$7 or extinguish$4 or censor$4 or repress$4)

near3 (copy$3 or copier$4 or scan$4 or print$3 or printer$1 or marking adj1 engine$1 or image adj1 form$3)
) and ("345" OR "348" OR "358" OR "380" or "382" OR "705" or "715").clas.) not (((((down or sub or under) adj1 (sampl$3 or scal$3 or siz$3) or down-sampl$3 or sub-sampl$3 or under-sampl$3 or downsampl$3 or subsampl$3 or undersampl$3 or downscal$3 or subscal$3 or underscal$3 or downsiz$3 or subsiz$3 or undersiz$3 or decimat$3 or thin$3 or down adj1 filter$3 or downfilter$3 or reduc$3 or reduct$3 or de adj1 magnif$7 or demagnif$7 or minif$7 or shrink$3 or contract$3 or downconvert$4 or down adj1 convert$4 or (standard or minimiz$4 or minimis$4 or low$5 or small$3) near2 (BPP or bit adj1 depth$1 or bitdepth$1 or definition$1 or resolution$1) or "480" near1 ("640" or "720") or QCIF)

near4 (forbid$5 or inhibit$3 or stop$3 or quit or quits or quiting or cease$1 or ceasing or prevent$3 or prohibit$3 or halt$3 or discontinue$3 or discontinuing$3 or desist$3 or abandon$3 or cessation or arrest$3 or surceas$3 or standstill or belay$3 or immobiliz$7 or relinquish$3 or supres$7 or extinguish$4 or censor$4 or repress$4)

near4 (copy$3 or copier$4 or print$3 or printer$1 or marking adj1 engine$1 or image adj1 form$3)
) and ("235" OR "250" OR "283" OR "345" OR "348" OR "355" OR "358" OR "380" or "382" OR "399" OR "705" or "715").clas.) and ((((down or sub or under) adj1 (sampl$3 or scal$3 or siz$3) or down-sampl$3 or sub-sampl$3 or under-sampl$3 or downsampl$3 or subsampl$3 or undersampl$3 or downscal$3 or subscal$3 or underscal$3 or downsiz$3 or subsiz$3 or undersiz$3 or decimat$3 or thin$3 or down adj1 filter$3 or downfilter$3 or reduc$3 or reduct$3 or de adj1 magnif$7 or demagnif$7 or minif$7 or shrink$3 or contract$3 or downconvert$4 or down adj1 convert$4 or (standard or minimiz$4 or minimis$4 or low$5 or small$3) near2 (BPP or bit adj1 depth$1 or bitdepth$1 or definition$1 or resolution$1) or "480" near1 ("640" or "720") or QCIF)